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Reissue Application No.:)
5 09/512,592)
United States Patent No.:) Group Art Unit: 2177
5,806,063)
Issued: September 8, 1998) Examiner: Paul Kulik
Applicant:)
10 Dickens-Soeder2000, LLC) Attorney Docket No.:
2039-154
Reexamination Proceeding:)
90/005,592)
Filed: December 21, 1999)
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Reexamination Proceeding:)
90/005,628)
Filed: February 2, 2000)
20 Reexamination Proceeding:)
90/005,727)
Filed: May 16, 2000)

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OFFICE OF PETITIONS

HOUSE KEEPING AMENDMENT

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Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

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Pursuant to the DECISION, *SUA SPONTE*, TO MERGE
REEXAMINATION AND REISSUE PROCEEDINGS, dated November
03, 2000 and mailed November 6, 2000 ("the Decision"),

the Applicant in the above referenced Reissue
Application and Patent Owner in the above referenced
Reexamination Proceedings, which were merged by the
Decision, hereby submits the House Keeping Amendment
5 called for in the Decision and 37 C.F.R. §1.565(d).
This Amendment will serve to place all claims currently
in the above referenced Reissue Application in the
merged Reexamination Proceeding files. Applicant
therefore respectfully requests that the Examiner add
10 the following new claims, the same new claims as were
added in the Reissue application, to the above
referenced Reexamination Proceeding files. As required
by the decision, this identical Amendment is submitted
separately in each of the above referenced files,
15 pursuant to the Decision, though these claims are
already a part of the above referenced Reissue
Application.

In the Claims of the above referenced
Reexamination Proceeding files, please add the
20 following new claims:

16. (New) A method of processing symbolic
representations of dates stored in a database,
comprising the steps of:

25 providing a database with symbolic representations of
dates stored therein according to a format wherein M₁

M₂ is the numerical month designator, D₁ D₂ is the numerical day designator, and Y₁ Y₂ is the numerical year designator, all of the symbolic representations of dates falling within a 10-decade period of time;

5 selecting a window with a Y_A Y_B value for a pivot date of the window, Y_A Y_B being no later than the earliest Y₁ Y₂ year designator in the database;
determining a century designator C₁ C₂ for each symbolic representation of a date in the database, C₁
10 C₂ having a first value if Y₁ Y₂ is less than Y_A Y_B and having a second value if Y₁ Y₂ is equal to or greater than Y_A Y_B ; and

reformatting the symbolic representation of each symbolic representation of a date in the database,
15 without the addition of any new data field to the database, with the reformatted symbolic representation of each date in the database having the values C₁ C₂, Y₁ Y₂, M₁ M₂, and D₁ D₂, in order to facilitate collectively further processing the
20 reformatted symbolic representations of each of the symbolic representations of each of the dates.

17. (New) The method of claim 16, wherein the window includes at least a portion of the decade beginning in the year 2000.

18. (New) The method of claim 17, wherein the step of determining includes the step of:

determining the first value as 20 and the second value as 19.

5 19. (New) The method of claim 16, including an additional step, after the step of reformatting, of:

sorting the symbolic representations of dates.

20. (New) The method of claim 16, wherein the step of reformatting includes the step of:

10 reformatting each symbolic representation of a date into the format C₁ C₂ Y₁ Y₂ M₁ M₂ D₁ D₂ separately from the symbolic representations in the database.

21. (New) The method of claim 20, including an additional step, after the step of reformatting, of:

15 sorting the symbolic representations of dates using a numerical-order sort.

22. (New) The method of claim 16, wherein the step of providing a database includes the step of:

20 converting pre-existing date information having a different format into the format wherein M₁ M₂ is the numerical month designator, D₁ D₂ is the numerical day designator and Y₁ Y₂ is the numerical year designator.

23. (New) The method of claim 16, wherein the step of selecting includes the step of:

selecting $Y_A Y_B$ such that Y_B is 0 (zero).

24. (New) The method of claim 16, including an

5 additional step, after the step of reformatting, of:

storing the symbolic representation of dates and

their associated information back into the database.

25. (New) The method of claim 24, including the

additional step, after the step of reformatting, of:

10 manipulating information in the database having the

reformatted date information therein.

26. (New) A method of processing dates in a database,

comprising the steps of:

providing a database with dates stored therein

15 according to a format wherein $M_1 M_2$ is the numerical

month designator, $D_1 D_2$ is the numerical day

designator, and $Y_1 Y_2$ is the numerical year

designator, all of the symbolic representations of

dates falling within a 10-decade period of time;

20 selecting a window with a $Y_A Y_B$ value for a pivot

date of the window, $Y_A Y_B$ being no later than the

earliest $Y_1 Y_2$ year designator in the database;

determining a century designator $C_1 C_2$ for each date
in the database, $C_1 C_2$ having a first value if $Y_1 Y_2$
is less than $Y_A Y_B$ and having a second value if $Y_1 Y_2$
is equal to or greater than $Y_A Y_B$;

5 reformatting the symbolic representation of each
symbolic representation of a date in the database,
without the addition of any new data field to the
database, with the reformatted symbolic
representation of each date in the database having
10 the values $C_1 C_2$, $Y_1 Y_2$, $M_1 M_2$, and $D_1 D_2$, in order to
facilitate collectively further processing the
reformatted symbolic representations of each of the
symbolic representations of each of the dates; and
sorting the dates in the form $C_1 C_2 Y_1 Y_2 M_1 M_2 D_1 D_2$.

15 27. (New) The method of claim 26, wherein the step of
providing a database includes the step of:
converting pre-existing date information having a
different format into the format wherein $M_1 M_2$ is the
numerical month designator, $D_1 D_2$ is the numerical
20 day designator and $Y_1 Y_2$ is the numerical year
designator.

28. (New) The method of claim 26, wherein the step of
selecting includes the step of:
selecting $Y_A Y_B$ such that Y_B is 0 (zero).

29. (New) The method of claim 26, including an additional step, after the step of sorting, of:
storing the sorted dates and their associated information back into the database.

5 30. (New) The method of claim 29, including the additional step, after the step of sorting, of:
manipulating information in the database having the reformatted dates therein.

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Cont.

10 31. (New) A method of processing symbolic representations of dates stored in a database, comprising the steps of:
providing a database with symbolic representations of dates stored therein according to a format wherein Y₁ Y₂ is the numerical year designator;
15 selecting a window with a Y_A Y_B value for the first decade of the window, Y_A Y_B being no later than the earliest Y₁ Y₂ year designator in the database;
determining a century designator C₁ C₂ for each symbolic representation of a date in the database, C₁ C₂ having a first value if Y₁ Y₂ is less than Y_A Y_B
20 and having a second value if Y₁ Y₂ is equal to or greater than Y_A Y_B ; and

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Cont.*

5 reformatting the symbolic representation of each
symbolic representation of a date in the database,
without the addition of any new data field to the
database, with the reformatted symbolic
representation of each date in the database having
the values C_1 C_2 , Y_1 Y_2 , in order to facilitate
collectively further processing the reformatted
symbolic representations of each of the symbolic
representations of each of the dates.

10 32. (New) A method of processing dates in a database,
comprising the steps of:

providing a database with symbolic representations of
dates stored therein according to a format wherein Y_1
 Y_2 is the numerical year designator;

15 selecting a window with a Y_A Y_B value for a pivot
year of the window, Y_A Y_B being no later than the
earliest Y_1 Y_2 year designator in the database;

determining a century designator C_1 C_2 for each
symbolic representation of a date in the database, C_1
20 C_2 having a first value if Y_1 Y_2 is less than Y_A Y_B
and having a second value if Y_1 Y_2 is equal to or
greater than Y_A Y_B ;

reformatting the symbolic representation of each of
the dates in the database, without the addition of

any new data field to the database, with the
reformatted symbolic representation of each date in
the database having the values C₁ C₂, Y₁ Y₂, in order
to facilitate collectively further processing the
5 reformatted symbolic representations of each of the
dates; and

sorting the dates in the form C₁ C₂ Y₁ Y₂.

33. (New) A method of processing symbolic
representations of dates stored in a database,

10 comprising the steps of:

providing a database with symbolic representations of
dates stored therein according to a format wherein Y₁
Y₂ is the numerical year designator;

selecting a window with a Y_A Y_B value for the first
15 decade of the window, Y_A Y_B being no later than the
earliest Y₁ Y₂ year designator in the database;

determining a century designator C₁ C₂ for each
symbolic representation of a date in the database, C₁
C₂ having a first value if Y₁ Y₂ is less than Y_A Y_B
20 and having a second value if Y₁ Y₂ is equal to or
greater than Y_A Y_B ; and

reformatting the symbolic representation of each
symbolic representation of a date in the database,
without changing any of the symbolic representations

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of a date in the database during the reformatting
step, with the reformatted symbolic representation of
each date in the database having the values C_1 , C_2 , Y_1
 Y_2 , in order to facilitate collectively further
5 processing the reformatted symbolic representations
of each of the dates.

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Cont.
10 34. (New) A method for representing and utilizing dates
stored in at least one date field of a database
utilizing symbolic representations of the dates stored
in the at least one date field of the database, which
are in a format that creates ambiguity between dates in
each of a pair of adjacent centuries, comprising the
steps of:

15 converting each of the symbolic representations of
dates stored in the at least one date field of the
database to a symbolic representation of each of the
respective dates that does not create the ambiguity,
by windowing the symbolic representations of each of
the respective dates as stored in the at least one
20 date field of the database against a pivot year
represented by one of the symbolic representations of
the dates as stored in the at least one date field of
the database, without the addition of any new data
field to the database for purposes of such windowing
25 and converting; and,

running a program collectively on each of the
converted symbolic representations of each of the
respective dates to sort or otherwise manipulate the
dates represented by the converted symbolic
5 representations, separately from the date data
symbolic representations contained in the at least
one date field of the database.

35. (New) A method of claim 34 further comprising the
step of:

10 opening the database prior to the step of
converting.

36. (New) The method of claim 34 further comprising
the step of:

15 collectively sorting the converted symbolic
representations prior to the step of running the
program on the converted symbolic representations.

37. (New) The method of claim 35 further comprising
20 the step of:

collectively sorting the converted symbolic
representations prior to the step of running the
program on the converted symbolic representations.

38. (New) The method of claim 34 further comprising
the step of:

collectively manipulating the converted symbolic
representations prior to the step of running the
5 program on the converted symbolic representations.

39. (New) The method of claim 35 further comprising
the step of:

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collectively manipulating the converted symbolic
10 representations prior to the step of running the
program on the converted symbolic representations.

40. (New) The method of claim 34 further comprising
the step of:

15 collectively sorting the converted symbolic
representations according to a different data field
contained in the database from the at least one date
field, prior to the step of running the program on the
converted symbolic representations.

20

41. (New) The method of claim 35 further comprising
the step of:

collectively sorting the converted symbolic
representations according to a different data field
25 contained in the database from the at least one date

field, prior to the step of running the program on the
converted symbolic representations.

42. (New) The method of claim 34 further comprising
5 the step of:

collectively manipulating the converted symbolic
representations according to a different data field
contained in the database from the at least one date
field, prior to the step of running the program on the
10 converted symbolic representations.

43. (New) The method of claim 35 further comprising
the step of:

collectively manipulating the converted symbolic
15 representations according to a different data entry
field contained in the database from the at least one
date field, prior to the step of running the program on
the converted symbolic representations.

20 44. (New) The method of claim 34 wherein the program
performs an operation which manipulates the data in a
data field associated with the at least one date field
of the database according to the converted symbolic
representation of the date.

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45. (New) The method of claim 35 wherein the program
performs an operation which manipulates the data in a
data field associated with the at least one date field
of the database according to the converted symbolic
5 representation of the date.

46. (New) The method of claim 34 wherein the step of
converting includes converting at least a substantial
portion of each of the plurality of symbolic
10 representations of dates in the at least one date field
and repeating this step until each of the date data
entries in the at least one date field is converted
into the format that does not have the ambiguity.

47. (New) The method of claim 35 wherein the step of
converting includes converting at least a substantial
portion of each of the plurality of symbolic
15 representations of dates in the at least one date field
and repeating this step until each of the date data
20 entries in the at least one date field is converted
into the format that does not have the ambiguity.

48. (New) The method of claim 46 further comprising
the steps of:

collectively sorting the converted symbolic
representations prior to the step of running the
program on the converted symbolic representations.

- 5 49. (New) The method of claim 47 further comprising
the steps of:

collectively sorting the converted symbolic
representations prior to the step of running the
program on the converted symbolic representations.

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50. (New) The method of claim 46 further comprising
the step of:

collectively manipulating the converted symbolic
representations.

15

51. (New) The method of claim 49 further comprising
the step of:

collectively manipulating the converted symbolic
representations.

20

52. (New) The method of claim 46 further comprising
the step of:

collectively sorting the converted symbolic
representations according to a different data field in

the database than the at least one date field, prior to
the step of running the program.

53. (New) The method of claim 47 further comprising
5 the step of:

collectively sorting the converted symbolic
representations according to a different data field in
the database than the at least one date field, prior to
the step of running the program.

54. (New) The method of claim 52 further comprising
the step of:

collectively manipulating the converted symbolic.

15 55. (New) The method of claim 53 further comprising
the step of:

collectively manipulating the converted symbolic
representations.

20 56. (New) The method of claim 52 wherein the program
performs an operation which manipulates the data in a
data field associated with the at least one date field
of the database according to the converted symbolic
representation of the date.

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57. (New) The method of claim 53 wherein the program
performs an operation which manipulates the data in a
data field associated with the at least one date field
of the database according to the converted symbolic
5 representation of the date.

58. (New) The method of claim 54 wherein the program
performs an operation which manipulates the data in a
data field associated with the at least one date field
10 of the database according to the converted symbolic
representation of the date.

59. (New) The method of claim 55 wherein the program
performs an operation which manipulates the data in a
15 data field associated with the at least one date field
of the database according to the converted symbolic
representation of the date.

60. (New) A method for representing and utilizing dates
20 stored in at least one date field of a database
utilizing symbolic representations of the dates stored
in the at least one date field of the database, which
are in a format that creates ambiguity between dates in
each of a pair of adjacent centuries, comprising the
25 steps of:

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5 converting each of the symbolic representations of
dates stored in the at least one date field of the
database to a symbolic representation of each of the
respective dates that does not create the ambiguity,
by windowing the symbolic representations of each of
the respective dates as stored in the at least one
date field of the database against a pivot year
represented by one of the symbolic representations of
the dates as stored in the at least one date field of
10 the database, without modifying any of the symbolic
representations of dates in the at least one date
field of the database for purposes of such windowing
and converting;

15 running a program on each of the converted symbolic
representations of each of the respective dates to
sort or otherwise manipulate data in the database
according to the dates represented by the converted
symbolic representations, separately from the date
data symbolic representations of dates contained in
20 the at least one date field of the database.

61. (New) A method for representing and utilizing dates
stored in at least one date field of a database
utilizing symbolic representations of the dates stored
in the at least one date field of the database, which
25 are in a format that creates ambiguity between dates in

each of a pair of adjacent centuries, comprising the
steps of:

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5 converting each of the symbolic representations of
dates stored in the at least one date field of the
database to a symbolic representation of each of the
respective dates that does not create the ambiguity,
by windowing the symbolic representations of each of
the respective dates as stored in the at least one
date field of the database against a pivot year
10 represented by one of the symbolic representations of
the dates as stored in the at least one date field of
the database, without modifying any of the symbolic
representations of dates in the at least date field
of the database for purposes of such windowing and
15 converting;

running a program collectively on each of the
converted symbolic representations of each of the
respective dates to sort or otherwise manipulate the
dates represented by the converted symbolic
20 representations, separately from the symbolic
representations of dates contained in the at least
one date field of the database.

62. (New) A method for representing and utilizing dates
stored in at least one date field of a database
25 utilizing symbolic representations of the dates stored

in the at least one date field of the database, which
are in a format that creates ambiguity between dates in
each of a pair of adjacent centuries, comprising the
steps of:

- 5 converting each of the symbolic representations of
 dates stored in the at least one date field of the
 database to a symbolic representation of each of the
 respective dates that does not create the ambiguity,
 by windowing the symbolic representations of each of
10 the respective dates as stored in the at least one
 date field of the database against a pivot year
 represented by one of the symbolic representations of
 the dates as stored in the at least one date field of
 the database, without the addition of any new data
15 field to the database for purposes of such windowing
 and converting;
 storing the converted symbolic representations
 separate from the at least one date field of the
 database; and
20 running a program on the stored converted symbolic
 representations to sort or otherwise manipulate data
 in the database according to the dates represented by
 the converted symbolic representations, separately
 from the symbolic representations of dates contained
25 in the at least one date field of the database.

63. (New) A method for representing and utilizing dates
stored in at least one date field of a database
utilizing symbolic representations of the dates stored
in the at least one date field of the database, which
5 are in a format that creates ambiguity between dates in
each of a pair of adjacent centuries, comprising the
steps of:

10 converting each of the symbolic representations of
dates stored in the at least one date field of the
database to a symbolic representation of each of the
respective dates that does not create the ambiguity,
by windowing the symbolic representations of each of
the respective dates as stored in the at least one
date field of the database against a pivot year
15 represented by one of the symbolic representations of
the dates as stored in the at least one date field of
the database, without the addition of any new data
field to the database for purposes of such windowing
and converting;

20 storing the converted symbolic representations
separate from the at least one date field of the
database; and
running a program collectively on the stored
converted symbolic representations to sort or
25 otherwise manipulate the dates represented by the

converted symbolic representations, separately from
the symbolic representations of dates contained in
the at least one date field of the database.

- 5 64. (New) A method for representing and utilizing dates
stored in at least one date field of a database
utilizing symbolic representations of the dates stored
in the at least one date field of the database, which
are in a format that creates ambiguity between dates in
10 each of a pair of adjacent centuries, comprising the
steps of:

converting each of the symbolic representations of
dates stored in the at least one date field of the
database to a symbolic representation of each of the
15 respective dates that does not create the ambiguity,
by windowing the symbolic representations of each of
the respective dates as stored in the at least one
date field of the database against a pivot year
represented by one of the symbolic representations of
20 the dates as stored in the at least one date field of
the database, without modifying any of the symbolic
representations of dates in the at least one date
field of the database for purposes of such windowing
and converting;

storing the converted symbolic representations
separate from the at least one date field in the
database; and

running a program on the stored converted symbolic
5 representations to sort or otherwise manipulate data
in the database according to the dates represented by
the converted symbolic representations, separately
from the symbolic representations of dates contained
in the at least one date field of the database.

10 65. (New) A method for representing and utilizing dates
stored in at least one date field of a database
utilizing symbolic representations of the dates stored
in the at least one date field of the database, which
are in a format that creates ambiguity between dates in
15 each of a pair of adjacent centuries, comprising the
steps of:

converting each of the symbolic representations of
dates stored in the at least one date field of the
database to a symbolic representation of each of the
20 respective dates that does not create the ambiguity,
by windowing the symbolic representations of each of
the respective dates as stored in the at least one
date field of the database against a pivot year
represented by one of the symbolic representations of
25 the dates as stored in the at least one date field of

the database, without modifying any of the symbolic
representations of dates in the at least one date
field of the database for purposes of such windowing
and converting;

5 storing the converted symbolic representations
separate from the at least one date field in the
database; and

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10 running a program collectively on the stored
converted symbolic representations to sort or
otherwise manipulate the dates represented by the
converted symbolic representations, separately from
the symbolic representations of dates contained in
the at least one date field of the database.

15 66. (New) A method of processing dates in a database,
comprising the steps of:

providing a database with dates stored in at least
one date field therein according to a format wherein
M₁ M₂ is the numerical month designator, D₁ D₂ is the
20 numerical day designator, and Y₁ Y₂ is the numerical
year designator;

selecting a window with a Y_A Y_B value for a pivot
date of the window, Y_A Y_B being no later than the
earliest Y₁ Y₂ year designator in the database;

determining a century designator $C_1 C_2$ for each date
in the database, $C_1 C_2$ having a first value if $Y_1 Y_2$
is less than $Y_A Y_B$ and having a second value if $Y_1 Y_2$
is equal to or greater than $Y_A Y_B$;

5 reformatting the symbolic representation of each
symbolic representation of a date in a portion of the
at least one date field in the database, without the
addition of any new data field to the database, with
the reformatted symbolic representation of each date
10 in the database having the values $C_1 C_2$, $Y_1 Y_2$, $M_1 M_2$,
and $D_1 D_2$; and

repeating the step of reformatting until each
symbolic representation of a date in the at least one
date field has been reformatted in order to
15 facilitate collectively further processing the
reformatted symbolic representations of each of the
symbolic representations of each of the dates.

67. (New) A method of processing dates in a database,
comprising the steps of:

20 providing a database with dates stored in at least
one date field therein according to a format wherein
 $Y_1 Y_2$ is the numerical year designator;

selecting a window with a $Y_A Y_B$ value for a pivot
date of the window, $Y_A Y_B$ being no later than the
earliest $Y_1 Y_2$ year designator in the database;

determining a century designator $C_1 C_2$ for each date
5 in the database, $C_1 C_2$ having a first value if $Y_1 Y_2$
is less than $Y_A Y_B$ and having a second value if $Y_1 Y_2$
is equal to or greater than $Y_A Y_B$;

reformatting the symbolic representation of each
symbolic representation of a date in a portion of the
10 at least one date field in the database, without the
addition of any new data field to the database, with
the reformatted symbolic representation of each date
in the database having the values $C_1 C_2, Y_1 Y_2$; and

repeating the step of reformatting until each
15 symbolic representation of a date in the at least one
date field has been reformatted in order to
facilitate collectively further processing the
reformatted symbolic representations of each of the
symbolic representations of each of the dates.

20 68. (New) A method of processing symbolic
representations of dates stored in a database,
comprising the steps of:

providing a database with symbolic representations of
dates stored in at least one date field therein

according to a format wherein $Y_1 Y_2$ is the numerical
year designator;

selecting a window with a $Y_A Y_B$ value for the first
decade of the window, $Y_A Y_B$ being no later than the
5 earliest $Y_1 Y_2$ year designator in the at least one
date field of the database;

determining a century designator $C_1 C_2$ for each
symbolic representation of a date in the database, C_1
 C_2 having a first value if $Y_1 Y_2$ is less than $Y_A Y_B$
10 and having a second value if $Y_1 Y_2$ is equal to or
greater than $Y_A Y_B$; and

reformatting the symbolic representation of each
symbolic representation of a date in at least one
date field in the database, without the addition of
15 any new data field to the database, with the
reformatted symbolic representation of each date in
the database having the values $C_1 C_2, Y_1 Y_2$, in order
to facilitate further processing of the reformatted
symbolic representations of each of the symbolic
20 representations of each of the dates, by running a
program on the reformatted symbolic representations
of each of the dates.

69. (New) A method of processing dates in a database,
comprising the steps of:

providing a database with dates stored in at least
one date field therein according to a format wherein
 $Y_1 Y_2$ is the numerical year designator;

selecting a window with a $Y_A Y_B$ value for a pivot
5 year of the window, $Y_A Y_B$ being no later than the
earliest $Y_1 Y_2$ year designator in the database;

determining a century designator $C_1 C_2$ for each date
in the at least one date field of the database, $C_1 C_2$
having a first value if $Y_1 Y_2$ is less than $Y_A Y_B$ and
10 having a second value if $Y_1 Y_2$ is equal to or greater
than $Y_A Y_B$;

reformatting the symbolic representation of each
symbolic representation of a date in the at least one
date field in the database, without the addition of
15 any new data field to the database, with the
reformatted symbolic representation of each date in
the database having the values $C_1 C_2, Y_1 Y_2$;

sorting the reformatted symbolic representations of
the dates in the form $C_1 C_2 Y_1 Y_2$; and

20 running a program on the reformatted symbolic
representations of each of the dates.

70. (New) A method for representing and utilizing dates
stored in at least one date field of a database

utilizing symbolic representations of the dates stored
in at least one date field of the database, which are
in a format that creates ambiguity between dates in
each of a pair of adjacent centuries, comprising the
5 steps of

converting each of the symbolic representations of
dates stored in the at least one date field of the
database to a symbolic representation of each of the
respective dates that does not create the ambiguity,
10 by windowing the symbolic representations of each of
the respective dates as stored in the at least one
date field of the database against a pivot year, with
the pivot year being less than or equal to the
earliest date represented by the symbolic

15 representation of dates stored in the at least one
date field, without the addition of any new data
field to the database, and without modifying any of
the symbolic representations of dates in the at least
one date field, for purposes of such windowing and
20 converting; and,

running a program on the converted symbolic
representations of each of the dates to sort or
otherwise manipulate the dates represented by the
converted symbolic representations, separately from

AI
cont.

the date data symbolic representations contained in
the at least one date field of the database.

71. (New) A method for representing and utilizing dates
stored in at least one date field of the database

5 utilizing symbolic representations of the dates stored
in the at least one date field of the database, which
are in a format that creates ambiguity between dates in
each of a pair of adjacent centuries, comprising the
steps of

10 converting each of the symbolic representations of
dates stored in the at least one date field of the
database to a symbolic representation of each of the
respective dates that does not create the ambiguity,
by windowing the symbolic representations of each of
15 the respective dates as stored in the at least one
date field of the database against a pivot year, with
the pivot year being less than or equal to the
earliest date represented by a symbolic
representation of dates stored in the at least one
20 date field, and without the addition of any new data
field to the database for purposes of such windowing
and converting;

storing each of the converted symbolic
representations of each of the dates separate from
25 the database; and,

running a program on the stored converted symbolic
representations of each of the converted symbolic
representations of the dates to sort or otherwise
manipulate the dates represented by the converted
5 symbolic representations, separately from the date
data symbolic representations contained in the at
least one date field of the database.

72. (New) A method of processing symbolic
representations of dates stored in a database,
10 comprising the steps of

selecting a database with symbolic representations of
dates stored therein according to a format wherein M₁
M₂ is the numerical month designator, D₁ D₂ is the
numerical day designator, and Y₁ Y₂ is the numerical
15 year designator;

selecting a 10-decade window with a Y_A Y_B value for
the first decade of the window, Y_A Y_B being no later
than the earliest Y₁ Y₂ year designator in the
database;

20 determining a century designator C₁ C₂ for each
symbolic representation of a date in the database, C₁
C₂ having a first value if Y₁ Y₂ is less than Y_A Y_B
and having a second value if Y₁ Y₂ is equal to or
greater than Y_A Y_B ; and,

reformatting the symbolic representation of each
symbolic representation of a date in the database
with the values C₁ C₂, Y₁ Y₂, M₁ M₂ , and D₁ D₂ prior
to collectively further processing information
5 contained within the database associated with the
respective dates.

73. (New) A method of processing symbolic
representations of dates stored in a database,
comprising the steps of

10 providing a database with symbolic representations of
dates stored therein according to a format wherein Y₁
Y₂ is the numerical year designator, all of the
symbolic representations of dates falling within a
10-decade period of time;

15 selecting a 10-decade window with a Y_A Y_B value for
the first decade of the window, Y_A Y_B being no later
than the earliest Y₁ Y₂ year designator in the
database;

20 determining a century designator C₁ C₂ for each
symbolic representation of a date in the database, C₁
C₂ having a first value if Y₁ Y₂ is less than Y_A Y_B
and having a second value if Y₁ Y₂ is equal to or
greater than Y_A Y_B ; and,

reformatting the symbolic representation of the date
with the values C₁ C₂, Y₁ Y₂, to facilitate further
processing of the dates.

74. (New) A method of processing dates in a database,
5 comprising the steps of

providing a database with symbolic representations of
dates stored therein according to a format wherein Y₁
Y₂ is the numerical year designator, all of symbolic
representations of dates falling within a 10-decade
10 period of time;

selecting a 10-decade window with a Y_A Y_B value for
the first decade of the window, Y_A Y_B being no later
than the earliest Y₁ Y₂ year designator in the
database;

15 determining a century designator C₁ C₂ for each date
in the database, C₁ C₂ having a first value if Y₁ Y₂
is less than Y_A Y_B and having a second value if Y₁ Y₂
is equal to or greater than Y_A Y_B ;

20 reformatting each date in the form C₁ C₂ Y₁ Y₂ to
facilitate further processing of the dates; and,
sorting the dates in the form C₁ C₂ Y₁ Y₂.

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cont.

75. (New) A method of processing symbolic
representations of dates stored in a database,
comprising the steps of

5 providing a database with symbolic representations of
dates stored therein according to a format wherein M_1
 M_2 is the numerical month designator, $D_1 D_2$ is the
numerical day designator, and $Y_1 Y_2$ is the numerical
year designator;

10 selecting a window with a $Y_A Y_B$ value for a pivot
date of the window, $Y_A Y_B$ being no later than the
earliest $Y_1 Y_2$ year designator in the database;

15 determining a century designator $C_1 C_2$ for each
symbolic representation of a date in the database, C_1
 C_2 having a first value if $Y_1 Y_2$ is less than $Y_A Y_B$
and having a second value if $Y_1 Y_2$ is equal to or
greater than $Y_A Y_B$; and

20 reformatting the symbolic representation of each
symbolic representation of a date in the database,
without the addition of any new data field to the
database, with the reformatted symbolic
representation of each date in the database having
the values $C_1 C_2$, $Y_1 Y_2$, $M_1 M_2$, and $D_1 D_2$, in order to
facilitate further processing of the reformatted

A1
cont.

symbolic representations of each of the symbolic
representations of each of the dates.

76. (New) A method of processing dates in a database,
comprising the steps of

5 providing a database with dates stored therein
according to a format wherein M₁ M₂ is the numerical
month designator, D₁ D₂ is the numerical day
designator, and Y₁ Y₂ is the numerical year
designator;

10 selecting a window with a Y_A Y_B value for a pivot
date of the window, Y_A Y_B being no later than the
earliest Y₁ Y₂ year designator in the database;

15 determining a century designator C₁ C₂ for each date
in the database, C₁ C₂ having a first value if Y₁ Y₂
is less than Y_A Y_B and having a second value if Y₁ Y₂
is equal to or greater than Y_A Y_B ;

20 reformatting the symbolic representation of each
symbolic representation of a date in the database,
without the addition of any new data field to the
database, with the reformatted symbolic
representation of each date in the database having
the values C₁ C₂, Y₁ Y₂, M₁ M₂ , and D₁ D₂, in order to
facilitate further processing of the reformatted

*A1
concluded*

symbolic representations of each of the symbolic
representations of each of the dates; and
sorting the dates in the form C₁ C₂ Y₁ Y₂ M₁ M₂ D₁ D₂.

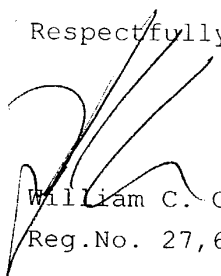
5

Remarks

The above amendment, pursuant to the requirements
of the Decision and 37 C.F.R. §1.565(d), places the
claims added to the Reissue Application in the files
10 for the above referenced Reexamination Proceedings.

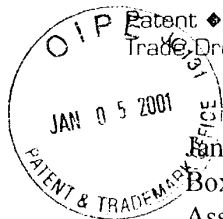
Respectfully submitted,

15


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Patent ♦ Trademark ♦ Copyright ♦
Trade Dress ♦ and Related Litigation

January 5, 2001

Box: Non-Fee Amendment
Assistant Commissioner for Patents
Washington, DC 20231

Via: Express Mail ET 051659772 US

Dear Commissioner:

Enclosed is a **Housekeeping Amendment** in the merged cases:

Reissue Application No.:)	Group Art Unit: 2177
09/512,592)	
United States Patent No.:)	Examiner: Paul Kulik
5,806,063)	
Issued: September 8, 1998)	Attorney Docket No.:
Applicant:)	2039-154
<u>Dickens-Soeder2000,LLC</u>)	
Reexamination Proceeding:)	
90/005,592)	
<u>Filed: December 21, 1999</u>)	
Reexamination Proceeding:)	
90/005,628)	
<u>Filed: February 2, 2000</u>)	
Reexamination Proceeding:))	
90/005,727)	
<u>Filed: May 16, 2000</u>)	

Attorney Docket No.: 2039-154

This Amendment consists of:
Housekeeping Amendment of 36 pages
New Claims 16-76
Information Disclosure Statement
USPTO Form PTO/SB/08A
Supplemental Information Disclosure Statement Submission
Certificate of Mailing
Certificate of Service By Mail
Return Receipt Postcard

RECEIVED

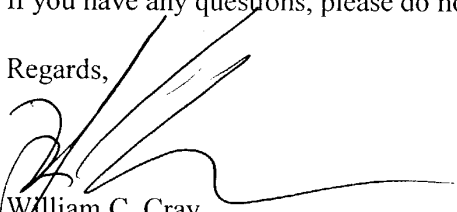
JAN 05 2001

REEXAM UNIT

The fee and certification requirements of 37 C.F.R. §1.97 have been waived pursuant to the DECISION, *SUA SPONTE*, TO MERGE REEXAMINATION AND REISSUE PROCEEDINGS, mailed November 6, 2000. The fee for examination of claims in excess of the original filing fee have been paid in the above referenced Reissue Application.


If you have any questions, please do not hesitate to contact me.

Regards,



William C. Cray
Registration No. 27627

WCC/ns
Enclosures



January 5, 2001

BOX: NON-FEE AMENDMENT
Assistant Commissioner for Patents
Washington, DC 20231

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Re: **Housekeeping Amendment** in the merged cases:

Reissue Application No.:)	Group Art Unit: 2177
09/512,592)	
United States Patent No.:)	Examiner: Paul Kulik
5,806,063)	
Issued: September 8, 1998)	Attorney Docket No.:
Applicant:)	2039-154
<u>Dickens-Soeder2000,LLC</u>)	
Reexamination Proceeding:)	
90/005,592)	
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90/005,628)	
<u>Filed: February 2, 2000</u>)	
Reexamination Proceeding:))	
90/005,727)	
<u>Filed: May 16, 2000</u>)	

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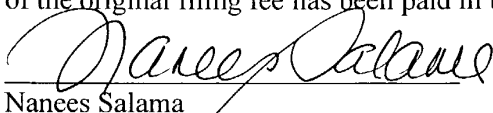
JAN 05 2001

REEXAM UNIT

Attorney Docket No.: 2039-154

Enclosed with this Certificate of Mailing is:
Housekeeping Amendment of 36 pages
New Claims 16-76
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USPTO Form PTO/SB/08A
Supplemental Information Disclosure Statement Submission
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Nances Salama

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